HP Photosmart R742 Digital Camera
Datasheet

Shoot stunning 7 MP photos and easily remove red-eye, using this slim camera with a 2.5-inch display

- Shoot stunning 7 MP photos with this slim, stylish camera and bright 2.5-inch display
- Taking great photos are easy with industry-leading[1], in-camera red-eye removal and HP steady photo anti-shake feature
- Everything you need to start, including lithium-ion rechargeable battery and 16 MB internal memory

Shoot stunning 7 MP photos with this stylishly slim camera

- Take 7 MP photos for stunning prints.
- Zoom in for clear distance shots, using the HP Precision lens with 3x optical zoom and 7x digital zoom.
- View your photos with ease—even in bright sunlight—on a 2.5-inch display.
- Get the photo you intended to take, using industry-leading in camera red eye removal.[1]
- Simply grab it and go—this remarkably thin camera with an all-metal body easily slips into a pocket or purse.

Easily snap photos you'll love to print and share

- Make your photos even more special—add attractive in-camera colors and borders from HP's Design Gallery.
- Easily snap your best shot with shooting modes, including auto, burst, theatre, sunset and more.
- Just point and shoot—an easy-to-use design and intuitive buttons and menus make photo-taking a breeze.
- Recording your moving memories is simple, using one-touch video with audio.
- Get everything you need to start—an HP Photosmart LI40 Battery and Battery Charger and 16 MB internal memory.

Your prints, your way

- Get beautiful prints almost anywhere, with a compatible HP Photosmart snapshot photo printer.[2]
- Effortlessly share, save and print photos, plus order prints online, using HP Photosmart Express.
- Get beautiful photos your way—without leaving home—using Snapfish, an online service of HP.[3]
- Organize, edit, print, share and more, using HP Photosmart software.
- Enjoy award-winning HP service and support, with e-mail response in as fast as one hour.

[1]For more information, please visit www.hp.com/go/noredeye
[2]Not included, sold separately
[3]Snapfish availability varies by region

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Technical specifications

HP Real Life Technologies Features	HP In-camera Red-eye Removal, HP Design Gallery (borders, colors), HP steady photo anti-shake
Imaging Technology	Image quality
Photo Resolution	7 MP, 3088 x 2320 pixels, **Bit depth:** 36-bit
CCD Image Sensor Specifications	1/2.5 in CCD; 3152 x 2342 total pixels; 3096 x 2328 effective pixels
Still Image Capacity[1]	**Best mode:** 8 images; 3.3 MB file size; 3088 x 2320 resolution, **Better mode:** 21 images; 1.6 MB file size; 3088 x 2320 resolution, **Good mode:** 30 images; 1 MB file size
Memory Card Compatibility/Slots	Secure Digital (SD), Secure Digital High Capacity (SDHC), **Slots:** 1 slot, Secure Digital (SD), Secure Digital High Capacity (SDHC) compatible
Memory storage capacity[2]	16 MB internal memory, up to 21 photos [using the default Image Quailty setting Normal, 7 MP (accepts SD cards up to 8 GB capacity)]
Lens System/Focus Capability	HP Precision Lens; 21x total zoom (3x optical, 7x digital); 5.9 to 17.7 mm focal length; approximately 36 to 108 mm (35 mm equivalent); f2.8 to f5.7 (wide); f4.8 to f9.7 (telephoto), **Focus Capability:** Close-up, landscape
Zoom Capability	21x total zoom (3x optical, 7x digital)
Shutter/Burst Rate	2 to 1/2000 sec, **Burst rate:** 2 frames/sec, 3 pictures maximum
Shutter Setting/Lag	Automatic, **Lag:** 0.5 sec
Shot-to-shot time	1.8 sec
Exposure Rating	Auto (default)
Exposure Control	Average AE Metering, **Exposure Type:** Automatic
Aperture	Automatic, **Aperture range:** f2.8 to f5.7 (wide), f4.8 to f9.7 (telephoto)
Flash Functions	Auto (default), Auto red eye, Flash on, Flash off, **Availability:** Built-in
Flash Working Distance	8.5 ft (wide), metric: 2.6 m (wide)
Shooting Modes	Normal (default), Self timer, Burst, Video
Picture Modes	Action, Auto (default), Close-up, Landscape, Night Portrait, Portrait, Steady Photo, Sunset, Theatre
View Finder	None
White Balance	Auto (default)
Self Timer Wait Time	10 sec
Digital Focal Distance	Approximately 0.4 m to infinity (normal), 0.4 m to infinity (telephoto), 0.05 to 0.8 m (macro wide), 0.35 to 1.2 m (macro telephoto), **Focal Distance (35 mm equivalent):** Approximately 36 to 108 mm to infinity
Focal Length	5.9 to 17.7 mm focal length (equivalent to 36 to 108 mm)
Focus Capability	Close-up, landscape
Metering	TTL (through-the-lens)
Image Control Functions	Off, date only, date and time
Image Compression	JPEG
Audio Capture Supported	Yes, Audio with video is supported
Video Capability	Yes, **Size/Length**[1]**:** Maximum length is limited to the size of the memory card or internal memory, up to 60 mins, 3600 sec, **Frame rate:** 24 fps, **Video Resolution:** QVGA, 320 x 240, **Video Format:** M-JPEG
LCD Display	2.5 in (diagonal), 6.35 cm bright viewable color LCD
LCD Components	Picture capture icon, pictures remaining, battery status, focus brackets, Shooting mode, SD card, image quality level, self-timer information, Burst, Flash mode, digital zoom crop box, video icon, video counter, date & time imprint, print, share, buy prints online, favorites
Standard connectivity	1 USB (compatible with USB 2.0 specifications)
Direct Print Capability	Yes (any PictBridge-enabled printer or all-in-one; does not apply to video)
Compatible Operating Systems	Windows XP Home; Windows XP Professional; Windows XP Professional x64; Works with Windows Vista(TM); Mac OS X v 10.3.9; Mac OS X v 10.4 or higher

Minimum System Requirements	**For all systems:** CD-ROM or DVD-ROM drive, USB port and USB cable, SVGA 800 x 600 monitor with 16-bit color, Adobe Acrobat Reader 5 or higher, 450 MB available hard disk space for software installattion, Internet Explorer 6.0 or higher; **PC:** Windows Vista: 800 MHz 32-bit (x86) or 64-bit (x64) Processor (1 GHz processor, 1 GB memory or higher recommended); Windows XP Home, Windows XP Professional: any Intel Pentium II, Celeron, or compatible processor, 233 MHz (Pentium III 300 MHz or higher recommended); Windows XP Professional x64 Edition: Any AMD Athlon 64, AMD Opteron, Intel Xeon with Intel EM64T support, Intel Pentium 4 with Intel EM64T support, 256 MB RAM (512 MB or higher recommended), **Mac:** OS X v10.3.9, v10.4; PowerPC G3, G4 and G5 processor or Intel Core processor; minimum 128 MB RAM, 256 MB recommended (required for Mac OS X v10.4); 250 MB available hard disk space; built-in USB
Product Dimensions w x d x h	3.69 x 0.95 x 2.19 in (with protrusions), **Metric:** 93.8 x 24.2 x 55.7 mm (with protrusions)
Product Weight	0.3 lb (with battery), **Metric:** 0.15 kg (with battery)
Operating Environment	**Maximum operating temperature:** 32 to 104 ° F (0 to 40 ° C), **Storage Temperature Range:** -22 to 149 ° F (-30 to 65 ° C), **Operating humidity:** 15 to 85% RH, **Storage Humidity:** 15 to 90% RH
Power Supply Source/Battery Life	1 lithium ion rechargeable battery, AC adapter
Battery Life	CIPA: 150 shots
Warranty	One-year limited warranty in US, backed by HP's 24-hour, 7-days-a-week Customer Care, service and support, including 24-hour Web support at http://www.hp.com/support
What is in the box	HP Photosmart R742 Digital Camera, HP Photosmart LI40 battery, battery charger, power adapter, Quick start guide, CD with HP Photosmart software for Windows and Macintosh, Warranty/regulatory brochure, USB cable, wrist strap

For more information visit our website at www.hp.com

HP Product	**Part Number**
HP Photosmart R742 Digital Camera	L2508A
Accessories	
H{ Photosmart L140 Battery	Q6277A
HP Photosmart A526 Compact Photo Printer	Q8531A
HP Photosmart A626 Compact Photo Printer	Q8541A
HP Photosmart A826 Compact Photo Printer	Q8550A
HP Photosmart Slim Camera Case	Q6265A
HP Photosmart 256 MB SD Card	L1874A
HP Photosmart 512 MB SD Card	L1875A
HP Photosmart 1 GB SD Card	L1876A
HP Photosmart 2 GB SD Card	L1877A

[1]These numbers are only a guideline; actual numbers will vary by use.
[2]Not all 32 MB of internal memory is available for storing images because some memory is used for internal camera operations. The actual file sizes and number of still images that can be stored in internal memory or on memory card will very depending on the content of each still image and the length of each video clip.

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